

BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineer

Yelahanka Division

B.B.M.P. Bengaluru - 64

No.EE/YNK-D/E-PMT/09/2018-19 Dated: 27-2-2019

APPROVED TENDER SCHEDULE - 'B'

Item-44

Name of Work:-Providing and Maintenance of borewells and water supply pipelines at AMS Layout, Jyothi Nagara, Basavalingappa Layout, Chikkabettahalli, Doddabettahalli and surrounding areas in ward no 03, Attur

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
				Rate	Rate in Words
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Water in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc., as per Specification and direction (P.48, I. 9.4) PRED SR 2012-13	Each BW	1.00	1933.03	Rupees One Thousand Nine Hundred Thirty Three and Paise Three Only
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13	Rmtr			
	0 to 50 m		50.00	314.30	Rupees Three Hundred Fourteen and Paise Thirty Only
	50 to 100 m		50.00	410.85	Rupees Four Hundred Ten and Paise Eighty Five Only
	100 to 150 m		50.00	457.07	Rupees Four Hundred Fifty Seven and Paise Seven Only
	150 to 200 m		50.00	482.74	Rupees Four Hundred Eighty Two and Paise Seventy Four Only
	200 to 250 m		50.00	558.75	Rupees Five Hundred Fifty Eight and Paise Seventy Five Only

Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate in Words
250 to 300 m		50.00	598.81	Rupees Five Hundred Ninety Eight and Paise Eighty One Only
3 Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming to IS 554/1985, one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and duties) Prices include Collar-medium duty P. iii, I No. 84 PRED SR 2012-13	Rmtr	70.00	1321.29	Rupees One Thousand Three Hundred Twenty One and Paise Twenty Nine Only
4 Code No.: 3008 Providing 250mm dia PVC Pipe 10kg/cm Page No. XXXV, SI No. 892 PWD SR 2018-19	Rmtr	18.00	2197.22	Rupees Two Thousand One Hundred Ninety Seven and Paise Twenty Two Only
5 Providing and fixing Borewell Cap and Clamp Set Page No. XLVII, SI No. 17 PWD SR 2018-19	Set	1.00	1794.96	Rupees One Thousand Seven Hundred Ninety Four and Paise Ninety Six Only
6 Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction, casing suction strainers sand guard Non return valve etc. complete. The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps PWD SR 2018-19 P. XLI Item No. 35 including of all taxes	No	1.00	56256.04	Rupees Fifty Six Thousand Two Hundred Fifty Six and Paise Four Only
7 Providing GI Pipe 50 mm 'B' Class Page No. XLVII, SI No. 1 PWD SR 2018-19	m	260.00	413.84	Rupees Four Hundred Thirteen and Paise Eighty Four Only
8 Providing Collar 50 mm Page No. XLVII, SI No. 1 PWD SR 2018-19	No	44.00	179.50	Rupees One Hundred Seventy Nine and Paise Fifty Only

Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate In Words
9 Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 4 Sqm mm KPWD Electrical SR 2014-15	Mtr	540.00	126.35	Rupees One Hundred Twenty Six and Paise Thirty Five Only
10 Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset should be handed over to department including transportation (Each lenth =6.00) Page No. 558, Items No-3 BWSSB SR for 2014-15)	Per Length	44.00	87.75	Rupees Eighty Seven and Paise Seventy Five Only
11 Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44 / I No. 6.6.6 KPWD Electrical SR 2014-15	Each	1.00	301.15	Rupees Three Hundred One and Paise Fifteen Only
12 Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 core 16 Sqmm KPWD Electrical SR 2014-15	Mtr	30.00	140.01	Rupees One Hundred Forty and Paise One Only
13 Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15	Mtr	30.00	10.77	Rupees Ten and Paise Seventy Seven Only
14 Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) P No. 61 / I. No. 7.9.3 KPWD Electrical SR 2014-15 For Cutting Road Surface	Mtr	25.00	84.76	Rupees Eighty Four and Paise Seventy Six Only
15 Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-1540mm dia GI pipe	Mtr	4.00	344.03	Rupees Three Hundred Forty Four and Paise Three Only

Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate in Words
6 Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I.No. 7.13.2 KPWD Electrical SR 2014-15 16Sqmm	No.	1.00	279.22	Rupees Two Hundred Seventy Nine and Paise Twenty Two Only
17 Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, (P No. 55, I No. 7.1) KPWD Electrical SR 2014-15	No	1.00	2719.36	Rupees Two Thousand Seven Hundred Nineteen and Paise Thirty Six Only
18 Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.P No. 44 / I No. 6.7.2 KPWD Electrical SR 2014-15 32 Amps	No.	6.00	179.50	Rupees One Hundred Seventy Nine and Paise Fifty Only
19 Providing and fixing 50mm nominal bore gun metal non-return Page No. XLVIII, SI No. 16, PWD SR 2018-19	Nos	1.00	1794.96	Rupees One Thousand Seven Hundred Ninety Four and Paise Ninety Six Only
20 Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete - for 50mm dia: Page No. 97, Item No. 13.81.3 PWD SR 2018-19	Each	1.00	221.98	Rupees Two Hundred Twenty One and Paise Ninety Eight Only
21 Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN P No. 47 / I No.6.16.5 KPWD SR 2014-15	No	1.00	1542.67	Rupees One Thousand Five Hundred Forty Two and Paise Sixty Seven Only
22 Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete P.No. 57, I. No. 6.41.2 KPWD Electrical SR 2014-15 16SWG	Sq.Cm	23400.00	0.33	Rupees and Paise Thirty Three Only

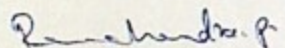
Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate in Words
23 Providing outdoor panel upto 15.00 HP (PWD SR for 2018-19 Page No. XLVII SI No. 12)	No.	1.00	15456.60	Rupees Fifteen Thousand Four Hundred Fifty Six and Paise Sixty Only
24 Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following struncture manhole. Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil	Cum	126.00	187.47	Rupees One Hundred Eighty Seven and Paise Forty Seven Only
25 Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.15 item No.3.4.2 b PRED SR 2012-13. 75 mm dia 6 KSC PVC pipe	Rmtr	350.00	122.66	Rupees One Hundred Twenty Two and Paise Sixty Six Only
26 Refilling the basement and pipeline treanches with seclated available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs Page No. 3 / Item No. 1.6 / PRED SR 2012-13	Cum	126.00	60.83	Rupees Sixty and Paise Eighty Three Only
27 KSRB13-6.3-7 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 65mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. P. No.94 / I. No. 13.38 PWD SR 2018-19	Each	35.00	2222.94	Rupees Two Thousand Two Hundred Twenty Two and Paise Ninety Four Only
28 Lifting of Submersible pump set (P.40/I.13) PRED SR (2013-14) P-56 I.No 3.21	No.	40.00	847.62	Rupees Eight Hundred Forty Seven and Paise Sixty Two Only
29 Transportation of pumping machineries PRED SR For 2012-13 (P.41/I.14)PRED SR (2013-14) P.No 56 Item No 10-3-19	No.	40.00	897.48	Rupees Eight Hundred Ninety Seven and Paise Forty Eight Only
30 A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. PRED SR (2013-14) P No. 54/ I. No. A) (Above 5 HP upto 10HP add Rs.120/- for every ½ HP)	No.	40.00	3689.64	Rupees Three Thousand Six Hundred Eighty Nine and Paise Sixty Four Only
31 Stator (with one year Guarantee) P No. 55/ I No. C(1) PRED SR (2012-13) 10.3.3	No.	40.00	5035.86	Rupees Five Thousand Thirty Five and Paise Eighty Six Only

Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate in Words
Rotor (with one year Guarantee) P No. 55/ I No. C(2) PRED SR (2013-14) 10.3.6	No.	40.00	4686.84	Rupees Four Thousand Six Hundred Eighty Six and Paise Eighty Four Only
33 Upper Flange P. No. 40 / I No. 10.3.7 PRED SR (2013-14)	No.	40.00	349.02	Rupees Three Hundred Forty Nine and Paise Two Only
34 Lower Housing P. No. 55 / I No.10.3.10PRED SR (2013-14)	No.	40.00	648.18	Rupees Six Hundred Forty Eight and Paise Eighteen Only
35 Lower flange P. No. 40 / I No.5 PRED SR (2008-09)	No.	40.00	349.02	Rupees Three Hundred Forty Nine and Paise Two Only
36 a) Carbon Housing P. No. 56 / I No.10.3.12 PRED SR (2012-13)	No.	40.00	473.67	Rupees Four Hundred Seventy Three and Paise Sixty Seven Only
37 b) Thrust bearing block assembly complete with Segment bearing pad.P. No. 40 / I No10.3.13PRED SR (2012-13)	No.	40.00	1146.78	Rupees One Thousand One Hundred Forty Six and Paise Seventy Eight Only
38 c)Top Carbon /Ferrodo padding P. No. 56 / I No. PRED SR (2012-13)	No.	40.00	149.58	Rupees One Hundred Forty Nine and Paise Fifty Eight Only
39 Bearing (GunMetal) Centrifugal cast Aluminium Bronze, bearing bush. P. No. 56/ I No10.3.16 PRED SR (2013-14)	No.	40.00	398.88	Rupees Three Hundred Ninety Eight and Paise Eighty Eight Only
40 Motor Base with pin P. No. 56 / I No.10.3.18 PRED SR (2013-14)	No.	40.00	468.68	Rupees Four Hundred Sixty Eight and Paise Sixty Eight Only
41 Re-erection charges of pumping machineries including overhauling and painting P. No. 56 / I No.50 PRED SR (2013-14)	No.	40.00	947.34	Rupees Nine Hundred Forty Seven and Paise Thirty Four Only
42 Labour charges (overhauling only) P. No. 55/ I No.10.3.22 PRED SR (2012-13)	No.	40.00	548.46	Rupees Five Hundred Forty Eight and Paise Forty Six Only
43 C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Pump Bowls P. No. 54 / I No.10.2.1 PRED SR (2013-14)	No.	40.00	698.04	Rupees Six Hundred Ninety Eight and Paise Four Only
44 Intermediate piece (I.P) with IP leaded bronze bush P. No. 54 / I No10.2.2 PRED SR (2012-13)	No.	40.00	448.74	Rupees Four Hundred Forty Eight and Paise Seventy Four Only
45 Oil Seal P. No. 39 / I No B3 PRED SR (2008-09)	No.	40.00	124.65	Rupees One Hundred Twenty Four and Paise Sixty Five Only
46 Oil Seal Steel Bush P. No. 54/ I No.10.24 PRED SR (2012-13)	No.	40.00	149.58	Rupees One Hundred Forty Nine and Paise Fifty Eight Only

Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate in Words
Guide vane P. No. 54 / I No.10.2.5 PRED SR (2012-13)	No.	40.00	174.51	Rupees One Hundred Seventy Four and Paise Fifty One Only
43 Impeller (Shell moulded with aluminium and Bronze) P. No. 54/ I No.10.2.70 PRED SR (2012-13)	No.	40.00	423.81	Rupees Four Hundred Twenty Three and Paise Eighty One Only
49 a) Discharge outlet (D.O) Bearing D.O Steel Bush P. No.54 / I No.10.2.70 RDED SR (2012-13)	No.	40.00	443.75	Rupees Four Hundred Forty Three and Paise Seventy Five Only
50 b) D.O Bearing P. No. 54 / I No.10.2.8 PRED SR (2012-13)	No.	40.00	284.20	Rupees Two Hundred Eighty Four and Paise Twenty Only
51 Steel Bush (D.O.Steel bush) P. No. 54 / I No.A710.2.9 PRED SR (2012-13)	No.	40.00	149.58	Rupees One Hundred Forty Nine and Paise Fifty Eight Only
52 Allen Screw P. No. 55 / I No.8 PRED SR (2012-13)	No.	40.00	24.93	Rupees Twenty Four and Paise Ninety Three Only
53 Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) P. No. 55/ I No.10.2.11 PRED SR (2013-14))	No.	40.00	947.34	Rupees Nine Hundred Forty Seven and Paise Thirty Four Only
54 Pump key (Stainless steel) P. No. 55 / I No.10.2.12 PRED SR (2012-13))	No.	40.00	124.65	Rupees One Hundred Twenty Four and Paise Sixty Five Only
55 Pump Coupling (Stainless steel) P. No. 55/ I No.10.2.13PRED SR (2012-13)	No.	40.00	249.30	Rupees Two Hundred Forty Nine and Paise Thirty Only
56 Non – return valve (NRV) assembly complete with rubber 'O' Ring P. No. 55 / I No.10.2.14PRED SR (2012-13)	No.	40.00	1346.22	Rupees One Thousand Three Hundred Forty Six and Paise Twenty Two Only
57 Cable Guard P. No.55 / I No.10.2.15 PRED SR (2012-13)	No.	40.00	149.58	Rupees One Hundred Forty Nine and Paise Fifty Eight Only
58 Strainer P. No. 55 / I No.10.2.16 PRED SR (2012-13)	No.	40.00	149.58	Rupees One Hundred Forty Nine and Paise Fifty Eight Only
59 Brass Filter P. No. 55 / I No.10.2.17) PRED SR (2012-13)	No.	40.00	249.30	Rupees Two Hundred Forty Nine and Paise Thirty Only
60 Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materials wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	No.	45.00	997.20	Rupees Nine Hundred Ninety Seven and Paise Twenty Only

Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate in Words
Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal proportion of salt and charcoal 150 mm around the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 through holes of 122 mm dia, (PWD Electrical SR-1999-2000, P-66, I.No.7) KPWD Electrical SR 2007-08	No.	40.00	1944.54	Rupees One Thousand Nine Hundred Forty Four and Paise Fifty Four Only
62 Supplying of ISI marked galvanized mild steel tube (continuously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threafles at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendment 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class 2016-17, P-90, i.no13.15	No.	600.00	429.79	Rupees Four Hundred Twenty Nine and Paise Seventy Nine Only
63 GI Collers	No.	80.00	99.72	Rupees Ninety Nine and Paise Seventy Two Only
64 Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2007-08 3/2008-09 4538/19.01.2009 (1x3x4.00 Sqmm PVC cable)	mtr	1000.00	150.58	Rupees One Hundred Fifty and Paise Fifty Eight Only
65 E) General Items KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2018-2019	Cum	320.00	483.56	Rupees Four Hundred Eighty Three and Paise Fifty Six Only

Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
			Rate	Rate in Words
Providing and instalation at site of works P.V.C. Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.3 item No.4.2 PRE SR 2016-17 75mm Dia 6 KSC	Rmtr	800.00	161.26	Rupees One Hundred Sixty One and Paise Twenty Six Only
67 KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per specifications, No. 6/ Item No. 2.11/ PWD SR 2018-2019	Cum	320.00	76.11	Rupees Seventy Six and Paise Eleven Only
68 Labour charges for attending to repairs of the P.V.C pipes by earth work excavation, cutting the old pipe, installation and jointing of new pipes to the existing old pipe to the depth, line and level, perfect linking at joints including encasing the pipes alround to a depth of not less than 15 cm with earth available and refilling the excavated trenches giving satisfactory hydraulic test et., complete (Excluding the cost of materials) (P.6/I.9 PRED SR - 2016-17)	Each	245.00	149.96	Rupees One Hundred Forty Nine and Paise Ninety Six Only


Signature of the Contractor


Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.